

Feb. 9, 1932.

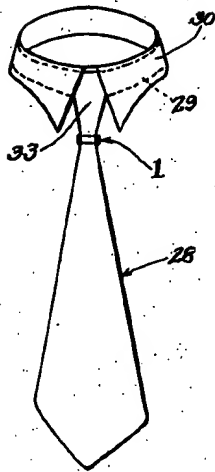
J. N. LOCKI

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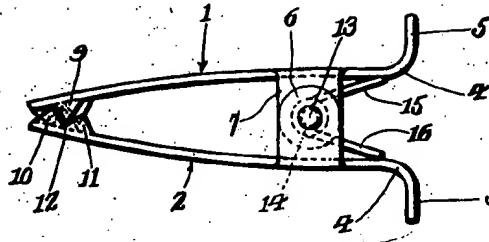
CLIP

Filed Nov. 11, 1931

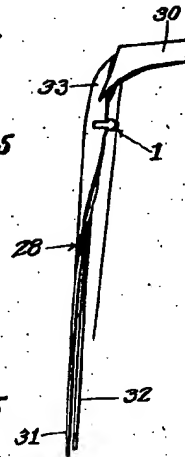
*Fig. 5.*



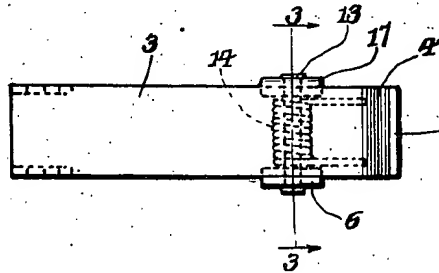
*Fig. 1.*



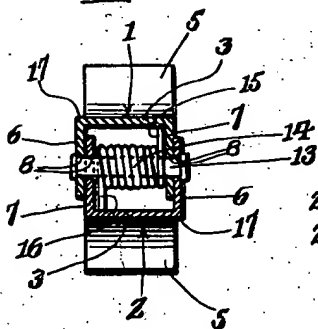
*Fig. 6.*



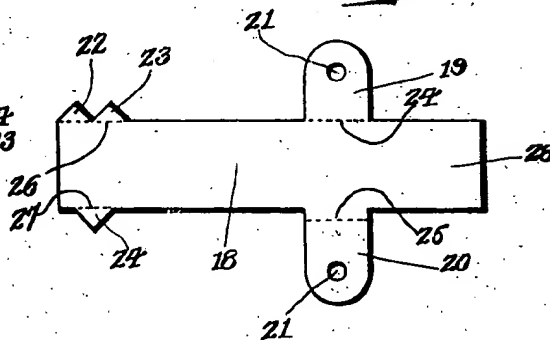
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



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## UNITED STATES PATENT OFFICE

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CLIP

Application filed November 11, 1931. Serial No. 574,439.

My invention relates to a clasp or clip designed primarily for use in connection with neckties of the four-in-hand type, but it is to be understood that a clasp or clip in accordance with this invention may be employed in any connection for which it may be found applicable.

The essential objects of my invention are to provide an article of the class referred to for giving a four-in-hand necktie the appearance of being tied without tying the knot therein; to provide for the simulation of a tied four-in-hand necktie without tying the latter thereby overcoming the wrinkling of the necktie due to forming of the knot therein; and providing for an extended period of wear of the necktie by maintaining the smooth appearance of the body portion thereof.

Further objects of my invention are to provide, in a manner as hereinafter set forth, a clasp or clip for the purpose referred to which is simple in its construction and arrangement, strong, durable, compact, thoroughly efficient in its use, conveniently operated, readily assembled, formed in a manner to reduce cost of production, and comparatively inexpensive to manufacture.

To the above ends my invention consists of such parts and in such combination of parts which fall within the scope of the invention as claimed.

In the drawings:

Figure 1 is a side elevation of a clasp or clip in accordance with my invention.

Figure 2 is a top plan view thereof.

Figure 3 is a section on line 3—3 Figure 2.

Figure 4 is a plan of the form of blank from which the retainer elements are set up.

Figure 5 is a front elevation of a necktie of the four-in-hand type showing the adaptation therewith of a clasp or clip in accordance with my invention.

Figure 6 is a side elevation of a four-in-hand necktie with the clasp or clip attached thereto to provide for the simulation of a knot in the necktie.

A clasp or clip in accordance with my invention and which will be hereinafter termed a clip includes a pair of oppositely disposed

retainer elements 1, 2 of like form and each of which includes an oblong carrier 3 extended lengthwise slightly upon an arc and terminating at one end in the rounded base part 4 of an outwardly directed combined thumb and finger piece 5 disposed at right angles to carrier 3. Between the transverse median and that end of carrier 1 which merges into the base part 4 there is extended from the side edges of carrier 3 and in a direction at right angles to the inner face of the latter a pair of spaced, parallel ears 6, 7 having aligning openings 8. The carrier 3 has extending from one side edge and at right angles to its inner face a retaining tooth 9 of triangular contour positioned in proximity to the other end of the carrier, and the latter has extending from its other side edge and at right angles to its inner face a pair of spaced retaining teeth 10, 11 of triangular contour, the former positioned at the said other end of the carrier. The base of the teeth 10, 11 merge into each other. The teeth 10, 11 provide a V-shaped opening 12.

When the retainer elements are set up, the tooth 9 of element 1 extends between the teeth 10, 11 of element 2 and the tooth 9 of the latter extends between the teeth 10, 11 of element 1. The ear 6 of element 1 opposes the outer face of the ear 7 of element 2 and the ear 7 of element 1 opposes the inner face of the ear 6 of element 2. The openings 8 of the ears align when the latter are in opposed position. The elements 1, 2 are spring controlled and the teeth thereof normally are in interengaging position. Each carrier and its teeth provide a spring controlled clamping member.

Extending through the aligning openings of the apertured ears is a pivot pin 13 upon which is mounted a coiled controlling spring 14 having one of its ends 15 extended and bearing against element 1 and its other end 16 extended and bearing against element 2. The spring 14 acts to maintain the toothed ends of the carriers in interengaged position and also to cause the teeth to bite into the goods.

The material which forms the ear 6 is of greater length than that from which ear 7 is set up for the purpose of offsetting ear 6.

The part of the material employed for offsetting ear 6 is indicated at 17. The arrangement permits of the ears being disposed in the position shown in Figure 3.

5 The retainer elements are set up from the form of blank shown in Figure 4. The blank comprising an oblong flat portion 18 provided between its transverse median and one end with a pair of oppositely disposed, flat lateral extensions 19, 20 at the side edges thereof. The extensions are apertured as at 21. The extension 20 is of greater length than extension 19. Extending from one side edge of portion 18 at the other end of the latter is a pair of laterally disposed spaced triangular shaped portions 22, 23, and extending from the other side edge of portion 18 at a point in proximity to the said other end is a laterally disposed triangular shaped portion 24. The extension 19 is bent on the line 24 to provide the ear 7. The extension 20 is bent on the line 25 to provide the ear 6. The portions 22, 23 are bent on the line 26 to provide the teeth 10, 11 and opening 12 and the portion 24 is bent on the line 27 to provide the tooth 9. That end of portion 18 indicated at 28 is bent to provide the finger piece 5.

30 The necktie indicated generally at 28 is folded to form a portion 29 for positioning in the collar 30 and front and rear streamer portions 31, 32 without forming a knot. In proximity to the upper ends of the streamer portions the clip is positioned on opposite sides of portion 31 and which bends such portions to simulate the appearance of the knot, as at 33. The teeth extend into the goods to couple the clip to the tie, and spring functioning to maintain the teeth in position.

40 What I claim is:—

1. A clip comprising a pair of oppositely disposed, spring controlled, pivotally connected retainer elements of like form, each of said elements including a pair of spaced teeth at an end of and disposed at right angles to the inner face thereof and a tooth in proximity to the said end and disposed at right angles to said inner face, the single tooth of one element engageable between the pair of teeth of the other element, and each of said elements including an angularly disposed combined thumb and finger piece at its other end and a pair of angularly disposed apertured, parallel, spaced ears intermediate the ends thereof.

2. A clip comprising a pair of oppositely disposed, spring controlled, pivotally connected retainer elements of like form, each of said elements including a pair of spaced teeth at an end of and disposed at right angles to the inner face thereof and a tooth in proximity to the said end and disposed at right angles to said inner face, the single tooth of one element engageable between the pair of teeth of the other element, each of said ele-

ments including an angularly disposed combined thumb and finger piece at its other end and a pair of angularly disposed apertured, parallel, spaced ears intermediate the ends thereof, and one ear being offset with respect to the side edge of the element.

3. A clip comprising a pair of oppositely disposed, spring controlled, pivotally connected retainer elements of like form, each of said elements including a pair of spaced teeth at an end of and disposed at right angles to the inner face thereof and a tooth in proximity to the said end and disposed at right angles to said inner face, the single tooth of one element engageable between the pair of teeth of the other element, each of said elements including an angularly disposed combined thumb and finger piece at its other end and a pair of angularly disposed apertured, parallel, spaced ears intermediate the ends thereof, and said elements being of arcuate contour lengthwise and having their toothed ends normally abutting.

4. A clip comprising a pair of oppositely disposed, spring controlled, pivotally connected retainer elements of like form, each of said elements including a pair of spaced teeth at an end of and disposed at right angles to the inner face thereof and a tooth in proximity to the said end and disposed at right angles to said inner face, the single tooth of one element engageable between the pair of teeth of the other element, each of said elements including an angularly disposed combined thumb and finger piece at its other end and a pair of angularly disposed apertured, parallel, spaced ears intermediate the ends thereof, one ear being offset with respect to the side edge of the element, and said elements being of arcuate contour lengthwise and having their toothed ends normally abutting.

5. A blank for producing a retaining element for a spring controlled clip comprising an oblong portion, a pair of oppositely disposed, apertured extensions between the transverse median and one end of said portion and extending laterally from opposite sides of said portion, one of said extensions being of greater length than the other, a pair of spaced triangular portions extending laterally from one side edge of the oblong portion at the other end of the latter, and a triangular shaped portion extending laterally from the other side edge of the oblong portion in proximity to the said other end of the latter.

In testimony whereof, I affix my signature hereto.

JOHN N. LOCKI.